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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Atty. Docket No. 04770.00025)

In re Application of:

Walsh, et al.

Serial No.: 10/027,048

Filed: December 20, 2001

For: Cluster Filtering

Group Art Unit: n/a

Examiner: n/a

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INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Pursuant to 37 C.F.R. Section 1.97-1.98, applicants wish to make the following references of record in the above-identified application. These references may be material to the patentability of the presently pending claims. Copies of the references cited below are enclosed along with a completed Form-1449.

U.S. PATENT DOCUMENTS:

1. Bertram, U.S. Patent 5,548,340, issued 08/20/1996
2. Broadwin, et al., U.S. Patent 6,275,989 B1, issued 08/14/2001

FOREIGN PATENT DOCUMENTS:

1. Tornqvist, Foreign patent PCT-WO 00/65429, issued 11/02/2000
2. Hirai, Foreign patent EP-1 089 470 A1, issued 04/04/2001

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

1. European Telecommunications Standards Institute, "Digital Video Broadcasting (DVB); Specification for Service Information (SI) in DVB Systems", EN 300 468 V1.3.1 (1998-02).
2. European Telecommunications Standards Institute, "Digital Video Broadcasting (DVB); Implementation Guidelines for the Use of MPEG-2 Systems, Video and Audio in Satellite, Cable and Terrestrial Broadcasting Applications", ETSI TR 101 154 V1.4.1 (2000-07).

This Information Disclosure Statement is filed under 37 C.F.R. § 1.97(b) within three months of this application's filing date or before the mailing date of a first Office Action on the merits. Accordingly, there is no fee due for filing this Information Disclosure Statement.

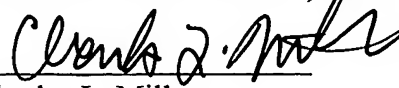
Please charge any fees or credit overpayment associated with this paper to Deposit Account No. 19-0733.

Respectfully submitted,

BANNER & WITCOFF, LTD.

Dated: March 20, 2002

By:


Charles L. Miller
Reg. No. 43,805



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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

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|------------------------|-------------|
| Application Number | 10/027,048 |
| Filing Date | 12/20/2001 |
| First Named Inventor | Walsh |
| Group Art Unit | n/a |
| Examiner Name | n/a |
| Attorney Docket Number | 04770.00025 |

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| U.S. PATENT DOCUMENTS | | | | | |
|------------------------|--------------------------|--|--------------------------------|--|---|
| Examiner Initials * | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number - Kind Code ² (if known) | | | |
| | | US-5,548,340 | 08/20/1996 | Bertram | |
| | | US- 6,275,989 B1 | 08/14/2001 | Broadwin, et al. | |
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| FOREIGN PATENT DOCUMENTS | | | | | | |
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| Examiner Initials * | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
| | | Country Code ³ - Number ⁴ - Kind Code ⁵ (if known) | | | | |
| | | PCT-WO 00/65429 | 11/02/00 | Tornqvist | | |
| | | EP-1 089 470 A1 | 04/04/01 | Hirai | | |
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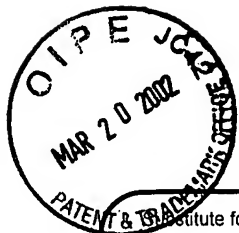
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² Applicant's unique citation designation number (optional). ³ See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁷ Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

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**INFORMATION DISCLOSURE
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Application Number 10/027,048

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First Named Inventor Walsh

Group Art Unit n/a

Examiner Name n/a

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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

| Examiner Initials * | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|------------------------|--------------------------|---|----------------|
| | | European Telecommunications Standards Institute, "Digital Video Broadcasting (DVB); Specification for Service Information (SI) in DVB Systems", EN 300 468 V1.3.1 (1998-02) | |
| | | European Telecommunications Standards Institute, "Digital Video Broadcasting (DVB); Implementation Guidelines for the Use of MPEG-2 Systems, Video and Audio in Satellite, Cable and Terrestrial Broadcasting Applications", ETSI TR 101 154 V1.4.1 (2000-07) | |
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